

Title (en)
AXIAL VENTILATOR

Title (de)
AXIALLÜFTER

Title (fr)
VENTILATEUR AXIAL

Publication
EP 1851443 B1 20100428 (DE)

Application
EP 06706737 A 20060208

Priority
• EP 2006001095 W 20060208
• DE 102005005977 A 20050209

Abstract (en)
[origin: US2008156282A1] The invention relates to an axial ventilator for the cooling device of an internal combustion engine, in particular for a motor vehicle, wherein said axial ventilator comprises a rotatably driven hub (2) provided with air blades (11 - 19) which are fixed thereto and radially inwardly limited by an internal diameter (Di) and radially outwardly limited by an external diameter (Da). In order to obtain a small-sized axial ventilator, the ratio between the internal (Di) and external (Da) diameters is greater than 40%.

IPC 8 full level
F04D 29/32 (2006.01); **F04D 25/08** (2006.01); **F04D 29/38** (2006.01); **F04D 29/58** (2006.01)

CPC (source: EP US)
F04D 29/386 (2013.01 - EP US); **F05B 2250/16** (2013.01 - EP US)

Cited by
USD860427S; US10539157B2; US10662975B2; WO2020028010A1; US11767761B2

Designated contracting state (EPC)
AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HU IE IS IT LI LT LU LV MC NL PL PT RO SE SI SK TR

DOCDB simple family (publication)
US 2008156282 A1 20080703; AT E466196 T1 20100515; DE 102005005977 A1 20060810; DE 502006006847 D1 20100610; EP 1851443 A1 20071107; EP 1851443 B1 20100428; JP 2008530414 A 20080807; WO 2006084674 A1 20060817

DOCDB simple family (application)
US 81557706 A 20060208; AT 06706737 T 20060208; DE 102005005977 A 20050209; DE 502006006847 T 20060208; EP 06706737 A 20060208; EP 2006001095 W 20060208; JP 2007553569 A 20060208